

Alloying soft steels with...

S/137/62/000/011/036/045
A006/A101

content in the built-up metal varied between 2.5 to 12.5%. Already at a Cr content as high as 2.0 - 2.5 %, secondary cementite appeared and hardness increased. At a further gradual increase of the Cr content acicular ferrite austenite and σ -phase appear in the structure, and the hardness of the built-up metal decreases. The hardness of the built-up metal is not a decisive factor, predetermining the proneness to crack formation. The structure plays also an important part: in case of a homogeneous and fine-grained structure, cracks are not formed. Fields for the use of ceramic Fe-Mn and Fe-Cr containing fluxes are recommended. ✓

Ye. Malinovskaya

[Abstracter's note: Complete translation]

Card 2/2

SALAGEAN, T.; HRELESCU, M.; STOIANOVICI, P.

Alloying of low-carbon steel with chromium and manganese in electric arc. Studii tehn Timisoara 9 no.1/2:7-17 Ja-Je '62.

SALAGEAN, Tr.; HRELESCU, M.; STOIANOVICI, P.; BĂR, F.

Action of aluminum oxide on ceramic fluxes. Studii tehn Timisoara 9
no.1/2:19-28 '62.

SALAGEAN, Tr.; STOIANOVICI, P.; HRELESCU, M.

Automatic welding with the electrode band. Studii tehn Timisoara
9 no.3/4:219-226 J1-D '62.

SALAGEAN, Traian, inz.; HRELESCU, Mircea, inz.; STOIANOVICI, Petre, inz.;
LOMBARDINI, Julius, inz., C.Sc. [translator]

Alloying mild steel with Cr and Mn in an electric arc.
Zvaranie 11 no.5:139-141 My '62.

ACCESSION NR: AP4042735

R/0018/64/000,002/0081/0084

AUTHOR: Popovici, David; Hrelescu, Mircea

TITLE: Plasma-jet study

SOURCE: Constructia de masini, no. 2, 1964, 81-84

TOPIC TAGS: plasma jet, plasma torch, argon plasma, plasma jet heat, plasma jet useful heat

ABSTRACT: The authors determined the useful heat of an argon plasma jet, i.e., the amount of heat actually received by a metal being cut with a plasma torch. An untransferred plasma jet (the arc between the tungsten electrode and the nozzle) was used. The useful heat was measured by a calorimeter (see Fig. 1 of the Enclosure) consisting of inner container 1 filled to the brim with water and sitting inside outer container 2. The rims of both containers were at the same level. Both containers were covered with lid 3 which has three openings: A for the thermometer, B for the agitator, and C for water deaeration. During the tests the plasma jet was applied to lid 3. Results of the

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ACCESSION NR: AP4042735

experiments showed that useful heat increases with increasing current and argon flow rate and decreases with increasing distance from nozzle to work and increasing arc length (distance from the electrode end to nozzle). It was also found that arc voltage increases with increasing current or increasing argon flow rate, other conditions being equal. Orig. art. has: 11 figures and 1 table. .

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3070

ENCL: 01

SUB CODE: ME, IE

NO REF SOV: 002

OTHER: 003

Card 2/3

ACCESSION NR: AP4042735

ENCLOSURE: 01

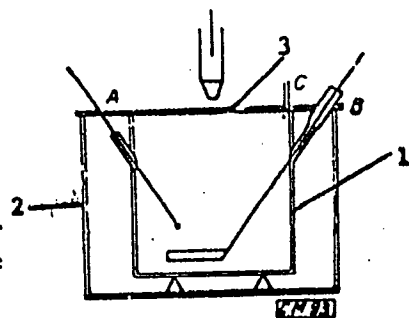


Fig. 1. Layout of calorimeter.

1 - Inner container; 2 - outer container;
3 - lid; A - opening for thermometer;
B - opening for agitator; C - opening for
water deaeration.

Card 3/3

1. 41804-00 ENR(V)/I/ENR(V)/II/ENR(V) IPRIC) AD/ENR/NS
ACC NR: AP6031547 SOURCE CODE: RU/0027/65/010/002/0347/0357

AUTHOR: Hrelescu, Mircea; Vas, Alexandru; Lipovan, Leonard; Bar, Friedrich 48
B

ORG: Timisoara Technical Research Center, Academy of the Socialist Republic of
Rumania, Timisoara (Academia Republicii Socialiste Romania, Centrul de cercetari tehnice)

TITLE: Contributions to the study of the destruction by cavitation of some steels
obtained by electric arc alloying 18

SOURCE: Studii si cercetari de metalurgie, v. 10, no. 2, 1965, 347-357

TOPIC TAGS: chromium steel, manganese steel, cavitation, welding technology

ABSTRACT: The authors studied the resistance to destruction
by cavitation of metals deposited by welding and obtained
through the alloying of soft steels in electric arcs with the
aid of ceramic fluxes. As compared to a cast steel, the
metals deposited by welding were found to have a better resis-
tance to cavitation, especially in the case of Cr-Mn steels.
The use of suitable ceramic fluxes was found to lead to
deposited metals with good anti-cavitation properties. 10
Orig. art. has: 7 figures and 2 tables. [JPRS: 34,166]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 010
OTH/REF: 005

Cord: 1/1 af

09/9 0232

HEMIUC, R.; TORJESCU, V.; MARINESCU, Raisa

The prothrombinogenetic function of the liver in tuberculous patients treated with antibiotics. Rumanian M. Rev. 3 no.4: 20-22 O-D '59.

1. Sanatorium for Children's Tuberculosis, Tg. Carbunesti.
(TUBERCULOSIS PULMONARY physiology)
(LIVER physiology)
(PROTHROMBIN)
(ANTIBIOTICS pharmacology)

NOVAK, Franc; KOVACIC, Jule; HREN, Marjeta; PESTEVSEK, Rihard;
POLJANSEK, Rado; STUDZIN, Marija; SAVNIK, Leo

How to improve the treatment of carcinoma of the cervix
uteri. Srpski arh. celok. lek. 91 no.9:773-782 S'63

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Uni-
verziteta u Ljubljani (upravnik: prof. dr. Franc Novak) i
Onkoloski institut u Ljubljani (upravnik: prof. dr. Leo
Savnik).

*

HRENIUC, C.

HRENIUC, R.; LOZMA-SCHMIDT, E.; HRENIUC, C.; DANACICA, Olga

Contributions to the study of para-tracheal bacillary adenopathy.

Rumanian M. Rev. 1 no.2:44-46 Apr-June 57.

(LYMPH NODES, dis.

paratracheal bact. infect.)

HRENIUC, R.; LOZMA-SCHMIDT, E.; HRENIUC, G.; DANACICA, Olga

Contributions to the study of para-tracheal bacillary adenopathy.

Rumanian M. Rev. 1 no.2:44-46 Apr-June 57.

(LYMPH NODES, dis.

paratracheal bact. infect.)

HRFNK, Istvanne; NAGY, Angela

The honesty of the brigade should be based upon the quality of its work! Ujit lap 17 no.7:9 13 Ap '65.

1. United Drug and Nutriment Factory, Budapest (for Hrenk).

HRENKO, Pal

Morphological forms alongside rivers. (To be contd.) Geod kart 13
no.2:106-111 '61.

HRENKO, Pal

Morphological forms alongside rivers. Geod kart 13 no.3:172-180 '61.

LEBEDA, Milan; HREVUS, Rudolf

Effect of the winter and summer feed ration on the alkaline reserve
in the blood of dairy cows. Veter medicina 8 no.5:349-354 0 '63.

1. Institute of Pathological Physiology of the Faculty of Veterinary
Medicine of the Higher School of Agriculture, Brno.

CZECHOSLOVAKIA

LEBEDA, Milan, and HREVUS, Rudolf, Institute for Pathological Physiology (Ustav pro patologickou fyziologii), Faculty of Veterinary Medicine (Veterinarni fakulta), VSZ [Vysoka skola zemedelska; Higher School of Agriculture], Brno.

"Effect of the Summer and Winter Rations on the Alkali Reserve in the Blood of Milch Cows"

Prague, Veterinarni Medicina, Vol 8(XXXVI), No 5, October 1963, pp 349-354.

Abstract [Authors' German summary, modified]: It was found that the alkali content shows a considerable fluctuation caused changes in fodder and phases of the sexual cycle. The fluctuation was bigger in herds with a larger milk output. The lowest reserves were found in April and May, and during the switch to fresh green fodder and pasture. Compared is the alkali reserve in blood and blood plasma. It is pointed out that the study of the alkali reserve fluctuations may help in determining the composition of fodder. Nine references, including 3 Russian.

L 00978-66 EAT(d)/EED-2/EF(1) IJP(c) BB/CG

ACCESSION NR: AP5014216

UR/0102/65/000/002/0054/0060

AUTHOR: Hrezdova, P. A. (Grezdova, P. A.) (Kiev); Kartashov, V. I. (Kartashev, V. I.) (Kiev)

TITLE: Design of a control unit with ferrite-transistor elements

SOURCE: Avtomatyka, no. 2, 1965, 54-60

TOPIC TAGS: ferrite, transistor control unit, flip flop circuit, computer control unit

ABSTRACT: The design of a control unit which will guarantee correct performance of a computer following any program is described. The device includes ferrite transistor elements (voltages of 10, 5, 6 and 17 v, VT-5 ferrite, P16B triode; 50 kc), amplifier cells (F1000, P16B triodes, voltages of 10 and 20 v), bistable memory elements (each consists of two generator cells, these consisting of ferrite transistor elements), and a switching function. The total number of ferrite transistor elements required is theoretically

$$N = 8n + kn + \sum_{i=1}^k q_i$$

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L 00978-66

ACCESSION NR: AP5014216

where n is the length of the code combination, k is the number of transitions in the unit and q_i is the number of input signals involved in the i -th transition. It was possible in this case to reduce the number of ferrite transistor elements originally used from 35 to 13. Orig. art. has: 7 figures, 4 formulas. [14]

ASSOCIATION: none

SUBMITTED: 22May64

ENCL: 00

SUB CODE: DP, EC

NO REF SOV: 000

OTHER: 000

ATT PRESS: 4069

Card 2/2

YUGOSLAVIA

HRGOVCIC, Dr. Martin, Dr. Branko RICHTER, and Dr. Zdenko SKRABALO, Department of Internal Medicine (Interni Odjel), Dr. O. Novosel Hospital (Bolnica), in collaboration with the Faculty of Medicine (Medicinski Fakultet) and Andrija Stampar School of Public Health (Skola Narodnog Zdravlja) in Zagreb.

"Distomiasis."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 6, 1963, pp 627-636.

Abstract: [Authors' English summary modified] An introduction devoted to the biology and epidemiology of fascioliasis is followed by a survey of the geographical diffusion of the infection in humans, with particular reference to Yugoslavia. The clinical symptoms and therapeutical results are described as observed in six cases over a period of three years. The clinical picture, positive skin tests, and effective emetine therapy were the basis of diagnosis, which was suggested by a high proportion of eosinophile cells in the peripheral blood. The infection is mainly incidental and mild in Yugoslavia. Tables, 32 references, mainly Western.

PUHAC, I: KATIC, R.: HRGOVIC, N.

Light factor in production in diphtheria antitoxin. Higijena
Beogr. 6 no.3-4:310-315 '54.

1. Institut za Veterinarsku higijenu, Veterinarskog fakulteta
u Beogradu.

(DIPHTHERIA,

antitoxin, light factor in prod.)

(LIGHT, effects,

on diphtheria antitoxin prod.)

YUGOSLAVIA / Microbiology. Microorganisms Pathogenic to Humans and F-5
Animals.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90968

Author : Katic, R.; Puhac, I.; Hrgovic, N.

Inst : Not given

Title : Determination of Preservation Potential of β -Toxin of
Cl. botulinum C in an Infusion from Ensilage

Orig Pub : Veterin. arh., 1957, 27, No 5-6, 121-128 (Serbo-Croat;
res. Eng., Fr.)

Abstract : The effectiveness of the action (EA) of β -toxin of Cl.
botulinum C, diluted in an infusion of silo grasses,
corn, alfalfa, and leaves of the sugar beet (pH 4.46 -
7.4), diminished considerably during the first 6 - 24
hours in comparison with EA of the toxin diluted in
physiological solution. After 30 - 36 hours the toxin had
been completely destroyed. An abundant growth of Cl.

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YUGOSLAVIA / Microbiology. Microorganisms Pathogenic to Humans and F-5
Animals.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90968

botulinum C was possible in an infusion of silage from
alfalfa and sugar beet leaves with a pH of 6.72 - 7.32,
and in addition a toxin was obtained with EA of 4 - 7000
MLD for white mice. Growth and toxin formation was not
noted in silage infusions from grasses and corn with a pH
of 5.26 - 5.50, but after changing the pH to 6.91 - 6.92
there was weak growth and toxin formation with EA of 10
MLD. -- From the author's resume

Card 2/2

YUGOSLAVIA

P. PUNAC, I. HRGOVIC and N. KATIC. (Affiliation not stated).

"Bacterial Contamination of Animal Bone Meal in the Western District.

Belgrade, Veterinarski Glasnik, Vol 16, No 17, 1961: pp 1247-1252.

Abstract: Studies of specimens of freshly made bone meal from 17 batches in one plant revealed perfect sterility when prepared, but an increasing number of presumably air-borne potential pathogens (551 strains of 22 species) upon storage for 12 hours to 12 days. Contamination in corridors and storage areas was also found contaminated. Remedial measures are outlined.

1/1

YUGOSLAVIA

36

PUNAC, I; HRGOVIC, N.; STANKOVIC, M.; and POPOVIC, S., Hygienic Institute (Institut za Higijenu).

"APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618220014-7"

"Laboratory Tests of the Possibility of Using Lead Compounds as a Rat-icide Through the Reduction of the Reproductive Capacity of Rats."

Belgrade, Acta Veterinaria, Vol 13, No 1, 1963, pp 3-9.

Abstract: [Authors' English summary modified] Eight groups of 40 rats each were given various doses of lead nitrates (80 to 8000 milligrams per 100 grams of various kinds of food) for 30 days, with a ninth group as a control group. Three male rats were killed and examined every other day. The lead deposited in the testes of the rats proved to be not entirely proportional to the amount included in the food, viz., 0.0021 milligrams to 0.0188 milligrams as against 0.0013 milligrams in the control group. No pathoanatomical changes were found in any of the organs of the rats. Pathohistological changes occurred only with an intake of 800 or more milligrams of $Pb(NO_3)_2$ per 100 grams of food. No reproduction occurred within 45 days when males thus given lead nitrates were paired with females (whether treated with lead nitrates or not). Three tables, four illustrations, nine references (five Yugoslav, four Western).

1/1

L 37014-66 EWT(1) IJP(c)

ACC NR: AP6027024

SOURCE CODE: GE/0061/66/017/05-/0233/0246

AUTHOR: Hrianca, I.

54
B

ORG: Laboratory for General Physics, Technical University, Timisoara, Rumania

TITLE: Internal damping caused by magnetomechanical hysteresis

SOURCE: Annalen der Physik, v. 17, no. 5-6, 1966, 233-246

TOPIC TAGS: magnetic hysteresis, elastic stress, ferromagnetic material, magnetic field, magnetic effect

ABSTRACT: Irreversible wall dislocations contributing to the magnetic processes responsible for internal damping of ferromagnetic substances owing to the ferromagnetic component were discussed theoretically. The equations characterizing the conditions under which the magnetic field and the elastic strains involved in these phenomena result in internal damping were derived. The results obtained with the aid of these equations correspond well with data obtained in actual experiments.

Orig. art. has: 9 figures, 41 formulas and 2 tables. [JPRS: 36,465]

SUB CODE: 20 / SUBM DATE: 28Jul65 / ORIG REF: 002 / OTH REF: 011

LS

Card 1/1

HRIANCA, J.

TECHNOLOGY

Periodical: STUDII SI CERCETARI DE ENERGETICA Vol. 8, no. 3, 1958

HRIANCA, I. The variation of internal friction in ferromagnetic sinusoidal field. p. 71.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 3,
March 1959, Unclass.

CZECHOSLOVAKIA/Magnetism - Ferromagnetism.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13213

Author : Cisman, A., Rothgustein, B., Hrianca, J.

Inst : Polytechnic Institute, Timisoara, Rumania.

Title : On the Nature of Magnetomechanical Phenomena in Alternating Magnetic Fields.

Orig Pub : Chekhosl. fiz. zh., 1958, 8, No 3, 374.

Abstract : Brief description of several measurements of internal friction in nickel as a function of the thickness of a ferromagnetic layer of nickel coating deposited on the wire. These observations confirm that the anomaly in the losses are connected with the dynamics of the motion of the domain walls, as long as the thickness of the film does not make them single-domain.

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ROTHENSTEIN, B.; HRIANCA, J.

New aspects of energy transfer from an alternating magnetic field to a pendulum with ferromagnetic suspension. Chekhosl fiz zhurnal 13 no.5:318-320 '63.

1. Institutul Politehnic Timisoara, Laboratorul de Fizica, R.P. Romina.

HRIBAL, J.

Nuclear electric power station Garigliano. Jaderna energie 6 no.3:99-
100 Mr '60.

HRIBAL, Rudolf, PhDr.

Psychological investigation of children with basilar meningitis.
Cesk. pediat. 10 no.9:698-701 Nov 55.

1. Psychiatricka klinika Palackeho university v Olomouci, pred.
prof. MUDr. Josef Hadlik Statni plicni detska lecebna v Sumperku,
pred. doc. MUDr. Vaclav Vojtek.

(MENINGITIS, in infant and child,
psychol. tests in)
(PSYCHOLOGICAL TESTS, in various diseases,
meningitis in child.)

KOLUCH, Jaroslav, MUDr; HRIBAL, Rudolf, PhDr

Evaluation of effects of sleep therapy according to Gakkelova
method of directed verbal reactions; Pat II. Neur.psychiat. cesk.
18 no.3:202-206 May 55.

1. Z psychiatricke kliniky PU v Olomouci. - Prednosta: prof. MUDr
J.Hadlik

(NEUROSES, therapy

sleep, method of directed verbal reactions)

(SLEEP, therapeutic use

neuroses, method of directed verbal reactions)

Hribal, R.

CZECHOSLOVAKIA / Pharmacology, Toxicology. Narcotics and
Hypnotics.

U-2

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7925

Author : Hadlik, J., Hribal, R., Voborsky, J.

Inst :

Title : Alterations in the Higher Nervous Activity Following
Imbibition of a Small Quantity of Alcohol by Chronic
Alcoholics.

Orig Pub : Ceskosl. psychiatr., 1956, 52, No 1, 9-14

Abstract : Small quantities of alcohol (50-100 ml of a 35-40% solution) given to chronic alcoholics resulted in an accelerated development of conditioned reflexes and in shortening of the latent period. But an interference with the reciprocity between both of the signal systems was noted.

Card : 1/2

"APPROVED FOR RELEASE: 09/21/2001" CIA-RDP86-00513R000618220014-7"

CZECHOSLOVAKIA / Pharmacology, Toxicology. Narcotics and
Hypnotics.

U-2

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7925

Abstract : There was also an increased tendency toward echolalia.

Card : 2/2

CFNKL, Antonin; HRIB, Jan

Problems of determining the level of work organization by
methods of technical standardization. Prace mada 12
no.10:452-458 0 '64.

1. Standardization Center of the Spojene ocelarny National
Enterprise, Kladno.

CZECHOSLOVAKIA

TABARKA, K.; NAGLOVA, R.; HRIBAL, R.; Psychiatric Clinic, Medical Faculty, Palacky University (Psychiatricka Klinika Lekarske Fakulty PU), Olomouc.

Experience with Bernard's Diadynamic Currents in Enuretic Children."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 3, Jun 66, pp 193-196

Abstract: [Authors' English summary modified]: 50 children suffering from functional enuresis were given physical-therapeutic treatment. One-half was treated by Bernard's diadynamic current, the other half by static galvanization. Bernard's current did not have much effect. Total improvement due to Bernard's current was noted in 14 cases against 19 for static galvanization. 11 children treated with diadynamic current and 6 treated with static galvanization did not improve at all. 1 Western, 4 Czech, 2 Russian references. (Manuscript received 26 Jun 65).

1/1

HRIBAR, France

Role of pathology and pathomorphology in medicine. Zdrav.vest.,
Ljubljana 24 no.4:127-129 1954.

(PATHOLOGY)

HRIBAR, F.; HABE, F.; STEFANCIC, P.

Habe's Chasm. p. 25; Slovenska akademija znanosti in umetnosti. Institut za raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 12, December 1956.

HRIBAR, F.; HABE, F.; SAVNIK, R.

Underground world of the karstic plateau of Prestranek and Slavina.
p. 91; Slovenska akademija znanosti in umetnosti. Institut za
raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1,
1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

HRIBAR, F.; HABE, F.

Exploration of the outflow siphon of the Pivka River in the Pivka Cave.
p. 167; Slovenska akademija znanosti in umetnosti. Institut za
raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1,
1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

HABE, France; HRIBAR, France

Sajevsko Polje. Geogr vest 36:13-49 '64 [publ. '65].

HRIBAR, J.

Combustion of pulverized coal. p. 182

TEHNICKI PREGLED, Zagreb, Vol. 6, No. 5/6, 1954

SO: EEAL, Vol. 5, No. 7 July 1956

HRIBAR, J.: LAHODI, A.

Aluminum alloys for processing on automatic lathes. I. p. 697.
TEHNIKA (avaz inzenjera i tehnicara Jugoslavije) Beograd. Vol. 11,
no. 5, 1956

SOURCE: East Europe Accessions Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

RADOJKOVIC, Milan, ing., prof. (Beograd); MISKOVIC, St., ing. (Beograd);
HRIBAR, J., ing., prof. (Zagreb); HRUSKA-BOZICEK, Bozena, ing. (Zagreb);
SAUPAH, L., ing. (Maribor); FERUSIC, Seid, ing. (Sarajevo)

Welding and related techniques in maintenance and repair. Zavarivac
no. 4:13-22 '59

1. Glavni i odgovorni urednik, "Zavarivac" (for Radojkovic.)
2. Glas Urednistva, "Zavarivac" (for Ferusic.)

HRIBAR, M.; CERCEK, Boris, ing. (Ljubljana)

Radioactive isotopes are used in the Mezica Mine for controlling the heavy liquid separation. Tehnika Jug 17 no.1:24p Ja '62.

1. Asistent Nuklearnog instituta "Jozef Stefan" Ljubljana i clan Redakcionog odbora "Radioaktivni izotopi i zracenja" (for Cercek).

(Radioisotopes)

STRNAD, J.; HRIBAR, M.; GROS, M.

How much physics do the students of the Mathematical and Physical
Department know in the first year. Obz mat fiz 11 no.4:190-191
D '64.

L 29407-66

ACC NR: AP6019967

SOURCE CODE: CZ/0079/65/007/003/0252/0253

AUTHOR: Koluch, J. (Olomouc); Hribal, R.; Mrna, B.

23
B

ORG: Palacky University, Olomouc

TITLE: Triperidol in psychiatry ²⁷ [This paper was presented at the 7th Annual Psycho-pharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 252-253

TOPIC TAGS: psychoneurotic disorder, drug treatment

ABSTRACT: 12 schizophrenics were treated with triperidol for a period of 4 weeks. Triperidol was found to be an effective drug, but should not be used for outpatients because of the danger of acute side effects and complications. [Orig. art. in Eng.]
[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 *cc*

HRIBAR, Svetozr (Ljubljana, Zavod za varjenje SR Slovenije)

Bureau for organization in large industrial enterprises.
Tehnika Jug 18 no. 12: Supplement: Organizacija rada
13 no. 12: 2344-2350 D '63

1. Rukovodilac odeljenja za organizaciju i produktivnost
rada Zavoda za zavarivanje SR Slovenije u Ljubljani.

HRIBAR, Zlata

Some comments on audiometry. Zdrav. vest., Ljubljana 23 no.
7-8:171-174 1954.

1. Otorinolaringoloska klinika Medicinske visoke šole v Ljubljani,
predstojnik doc. dr. Janko Pompe.
(HEARING TESTS
audiometry)

HRIBAR, Zlota

Trial prognosis in acoustic trauma. Zdrav. vest., Ljubljana
23 no.11-12:305-308 1954.

1. Otoloska klinika medicinske visoke šole v Ljubljani-
predstojnik doc. dr. Janko Pompe.

(HEARING DISORDERS, etiol. & pathogen.

indust. noise, clin. aspects & prev. (Slov))

(NOISE,

indust., causing hearing disord., clin. aspects &
prev. (Slov))

POMPE, J.; ~~IRIBAR, Z.~~

Personal observations on supraliminary audiometric tests.
Acta med. iugosl. 10 no.1:101-121 1956.

1. Oto-rino-laringoloska klinika Medicinskog fakulteta u
Ljubljani.

(HEARING TESTS

audiometry, supraliminary tests, indic. & value (Ser))

HRIBAR, Zvone

The Second Session of the Convention of the Yugoslav Postal,
Telegraph, and Telephone Services. PTT zbor 14 no.7/8:
195-200 Ag '62.

HRIBAR, Zvonko

What we could easily do for the improvement of delivery service. PTT sbor 16 no.11:241-245 N '62.

HRIBEK, J.

Agricultural interests in the supplementary provisions to the law on water
management. p.132.
(Vodni Hospodarstvi, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

HRIBEK, Josef

Defects of asynchronous motors in the Elektrarna 1. Maje Electrical Plant. El tech obzor 52 no.3:153 Mr '63.

1. Elektrarna 1. maje, Ostrava - Trebechovice.

HRIBERNIK, E.

YUGOSLAVIA/Chemical Technology - Chemical Products and
Their Application - Ceramics, Glass, Binders,
Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8778

Author : Hribernik E., Jakus J.

Inst : Slovenian Chemical Society

Title : Effect of Various Substances on the Process of Setting
and Hardening of Portland Cement.

Orig Pub : Vest. Slov. kem. drustva, 1956, 3, No 3-4, 135-142

Abstract : Elevation of the temperature accelerates the process of
setting of portland cement (I). Addition of gypsum semi-
hydrate at temperatures from 20 to 100° has no effect on
setting of I. Sugar that has been dissolved in water,
even when used in small amounts, retards strongly the
setting of I at temperatures from 20 to 100°. At 100°

Card 1/2

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application - Ceramics, Glass, Binders, Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8778

and with a water/cement ratio of 0.50, Na_2CO_3 and ZnO
accelerate the setting of I, while at ordinary temperature
 ZnO is a retarding agent. Humates, boneglue and lignites
are strong retarding agents in the process of setting of
I.

Card 2/2

HRIBERNIK, E.

Problems of the training of chemical engineers. p. 49

Slovensko kemijsko drustvo. VESTNIK. Ljubljana, Yugoslavia, Vol. 5, No. 1/2, Jan/June 1958

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Uncl.

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Adsorption of phenols on the Yugoslav coals and cokes.
Vest Slov kem dr 9-no.1/2:21-26 Ja-Je '62.

1. Institut za kemijo Univerze v Ljubljani.

HRIBERNIK, Ivan, dr (Idrija, Rudnik Idrija)

Problem of air pollution in the mine and residential area
of Idrija, caused by the processing of mercury. Tehnika
Jug 18 no. 12: Supplement: Rudarstvo metalurg 14 no. 12:
2252-2254 D '63

1. Lekar u rudniku Idrija, Idrija.

HRIBOVA, B.

HRIBOVA, B. Significance of historical meteorological reports for contemporary climatology. p. 159. Vol. 9, no. 5/6, Dec. 1956.
METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

HRIC, Jan, inz.

Wage rates for mechanized agricultural work constitute a serious problem in remuneration of tractor operators. Prace mzda 10 no.1:15-21 Ja '62.

1. Pracovník Střediska pro normování a ekonomiku práce v polnohospodářství v Bratislavě.

KUBASEK, M. Spolupracovali: HRICH, V.; STANKOVA, E.

Farmer's lung—a mass outbreak. Cas. lek. česk. 103 no.25:
701-704 19 Je'64

1. JINZ Kladno, nemocnice s poliklinikou Slany (reditel: MUDr.
M. Kubasek) a Okresni hyg. epidemiol. stanice Kladno (okresni
hygienik: MUDr. A. Wokounova).

HRICH-CHES, MUDR. (Kladno); KUBALEK, J., dr.; SIMECEK, J., inz.

Experience in salt stemming in blasting operations. Rudy
11 no.11: 369-372 N°63.

1. Hornický ústav, Československá akademie věd, Praha
(for Kubalek)
2. Ústav hygieny práce a chorob u
povolání, Praha (for Simecek).

BAUER, Ya. [Bauer, J.]; FIALA, Yu. [Fiala, J.]; GRZHIKHOVA, R. [Hrichova, R.]

Moissanite from the České Středohoří. Izv. AN SSSR. Ser. geol.
28 no.7:54-68 J1 '63. (MIRA 16:12)

1. Prazhskiy khimiko-tekhnologicheskii institut, Chekhoslovatskaya
Sotsialisticheskaya Respublika.

BAUER, Jaroslav; HRICHOVA, Renata; FIALA, Jiri

Surface sculptures and trichitic cavities of garnets. Cas min geol
9 no.3:287-290 '64.

1. Higher School of Chemical Technology, Prague.

BAUER, Jaroslav; FIALA, Jiri; HRICHOVA, Renata

Moissanite from the Ceske stredohori Mountains. Vest Ust geol 38
no.3:185-187 My '63.

1. Katedra mineralogie, Vysoka skola chemicko-technologicka,
Praha.

BAUER, Jaroslav, inz., kandidat technických ved; HRICHOVA, Renata, inz.;
VOLAK, Ivo; KOSMAK, Milan

Possibilities of industrial use of pyrope waste from the
Česke stredohori Mountains. Geol průzkum 6 no. 6:172-173
Je '64.

1. Chair of Mineralogy, Higher School of Chemical Technology,
Prague; Motorpal National Enterprise, Prague.

CZECHOSLOVAKIA

BAUER, J; HRICHNOVA, R; FIALA, J.

Higher Institute of Chemical Technology (Vysoka skola
chemicko-technologicka), Prague (for all)

Prague, Caso is pro mineralogii a geologii, No 3, 1964,
pp 287-289

"Surface Sculptures and Trichitic Cavities in Garnets."

HRICHNOVA, R; FIALA, J.

Studies on the acrylonitrile photochemicalization in the presence
of some lanthanides. Rev chimie Roum 10 no.1:77-81 Jan '65.

1. Section of Macromolecular Chemistry, "P. Poni" Institute
of Chemistry, Rumanian Academy, Iasi Branch. Submitted July
1, 1964.

FELDMAN, D.; KRIHOROV, Marta

Some data on acrylonitrile polymerization. Rev chimie Min petr
15 no. 4:191-197 Ap '64.

SIMIONESCU, Cristofor, prof.; CALISTRU, Elena; SIMIONESCU, Natalia;
HRIHOROV, Marta

Action of antioxidants on the process of tumor growth in
vegetables. Studii chim Iasi 12 no.2:241-249 '61.

1. Filia Iasi a Academiei R.P.R., Institutul de chimie
"P.Poni," Sectia de chimie macromoleculara. 2. Membru
corespondent al Academiei R.P.R., Membru al Comitetului de
redactie si Redactor responsabil adjunct, "Studii si
cercetari stiintifice, Chimie" (for Cristofor Simionescu).

HRIHOROV, Marta; FELDMAN, Dorel; SIMIONESCU, Cristofor

Studies on acrylonitrile photopolymerization in the presence of some lanthanides. Studii cerc chim 14 no.1:77-81 Ja '65.

1. Section of Macromolecular Chemistry, "Petru Poni" Institute of Chemistry, Rumanian Academy, Iasi Branch, 41 A Aleea Grigore Ghica Voda. Submitted July 1, 1964.

ACCESSION NR: AP4038912

R/0003/64/015/004/0191/0197

AUTHOR: Feldman, D.; Hrihorov, Marta

TITLE: Some data with respect to acrylonitrile polymerization

SOURCE: Revista de chimie, v. 15, no. 4, 1964, 191-197

TOPIC TAGS: polymerization, acrylonitrile, reaction mechanism, free radical, ionic polymerization mechanism, bulk polymerization, heterogenous polymerization

ABSTRACT: The paper is a literature review covering the topic of acrylonitrile polymerization in bulk, in heterogenous organic medium, and in aqueous dispersion employing catalysts, initiators, ultraviolet gamma, or X rays and ultrasonic polymerization. The different possible free radical and ionic mechanisms are reviewed.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: GC

NO REF SOV: 002

OTHER: 034

Card 1/1

H RINCOVINI ~~SE~~ K.

Distr: 4E2c(j)/4E3b

✓ Paraformaldehyde. Milan Daxner, Jan Viskup, Karol
Hrincovin, Pavol Kováč, and Ladislav Novák. Czech.
90,000, May 16, 1950. The app. and procedure are
described for the polymerization of aq. 48.2% HCHO
in the presence of 0.15% NaOH or other alk. catalysts
with continuous stirring carried stepwise. A product
contg. 80.1% polymer is obtained. L. J. Urbánek
p.2

6
1-~~poj~~/NB
2

KLVANOVÁ, H.; HRINKO, S.; POCH, J.

The leukopenic index in rheumatic fever. Vnitřní lek. 11 no.6:
570-572 Je*65.

1. I. interna klinika University P.J. Safarika v Kosiciach
(prednosta: prof. MUDr. Fr. Por).

✓ Combating cabbage weevils (*Baris chionizans* and *Baris* 2
laucollis) (Hilsh and V. Constantinescu (Agr. Exptl
 Sta., Târgu Jiu, Bucharest, Rumania) *Comun. acad. rep.*
populare 1956: 1307-74, 1956) -- Expts. were conducted
 with preps. of hexachlorocyclohexane (H) and DDT, also
 with mixts. of H and chlordan, applied as dusts or as sprays,
 and H being applied to the plant per se or to the soil, and
 around the plants in a circle of a 4-cm. radius. Preps. of
 H gave the best results, 1.2, 1.5, and 1.97% of the γ -isomer of H
 gave the best results. DDT gave such poor results, in any
 of the applications, its use can be recommended only if ch-
 lordan is available. To get satisfactory results one
 must use treatments 12-18 days apart. W J

POLAND

ANDREJEW, N.; PETRUNOV, B.; and HRISANTOWA, T.; Institute of Epidemiology and Mikrobiology [original version of affiliation not shown]; Head (Director)
Dr S. RANGELOVA, Sofia, Bulgaria.

"Use of Salmonella typhi Allergen to Determine Vaccination Immunity."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 18, No 1, 1966; pp 47-54.

Abstract [English summary modified] : Study of allergen prepared from heat-killed Salmonella typhi, with tests in 112 previously unvaccinated and 169 vaccinated persons. All tests indicated that the allergen is a very effective vaccine or vaccine effectiveness detector. Graph, 5 tables; 5 Western and 7 Soviet references.

1/1

SOUCEK, Branko, Ing. (Zagreb); HRISOHO, Aleksander, Ing. (Zagreb)

Research of magnetic cores by rapid current impulses. Results of testing cores of domestic production. Elektr vest 27 no.9/10:313-315 S-0 '59. (EEAI 9:10)

1. Institut "Ruder Boskovic", Zagreb.
 (Magnetic cores)
 (Yugoslavia--Magnetic memory (Calculating machines))

ARSOV, Dimitar; HRISOHO, Dimitar; KJURCIEV, Kiril

Our experiences with pregnancy in kidney diseases. God. zborn.
med. fak. Skopje 11:139-144 '64.

1. Interna klinika na medicinskiot fakultet vo Skopje (upravnik:
prof. dr. D. Arsov).

TEVCEV, Dimitar; GRUNEVSKI, Mihail; HRISOHO, Dimitar

Apropos of a case of progressive pulmonary dystrophy. God. zborn.
med. fak. Skopje 11:227-233 '64.

1. Radioloski institut (upravitel: prof. d-r. Dimitar Tevcev)
i Interna klinika pri medicinskiot fakultet na univerzitetot
vo Skopje (upravitel: prof. d-r. Dimitar Arsov).

ARSOV, Dimitar, dr.; GRUNEVSKI, Mihail, dr.; HRISOHO, Dimitar, dr.;
VANOVSKI, Bojan, dr.

Forestier's disease and differentiation from ankylosing
spondylo-arthritis. Liječn. vjesn. 85 no.9:989-994 '63

1. Iz Interne klinike i Radioloskog instituta Medicinskog
fakulteta u Skopju.

*

NANOVIC,R.; HRISOHO,D.; NIKOLOVSKI,S.

Proteinogram in pulmonary tuberculosis. Tuberkuloza, Beogr. 11
no.4:525-530 O-D '59.

1. Institut za tuberkulozu NRM,Skopje, direktor:prof. dr. G.
Muratovski; Interna klinika Med. fak. Skopje, upravnik: prof.
dr. D. Arsov.

(TUBERCULOSIS PULMONARY blood)
(BLOOD PROTEINS)

HRISOHO, Dimitar; MASIN, Georgi

A case of plasmocytic leukemia. Srpski arh. celok. lek. 89 no.9:
1043-1047 S '61.

1. Interna klinika Medicinskog fakulteta Univerziteta u Skopju.
Upravnik: prof. dr Dimitar Arsov.

(LEUKEMIA)

ARSOV, Dimitar, prof., dr; HRISOHO, Dimitar, doc., dr; GUCEVA, Boginja, dr

Hygroton in the treatment of edematous conditions. Med. glas. 16 no.2:
92-95 F '62.

1. Interna klinika Medicinskog fakulteta u Skopju (Upravnik: prof.
dr D. Arsov)

(DIURETICS ther) (EDEMA ther)

5

YUGOSLAVIA

Drs ARSOV, Dimitar; GRUNEVSKI, Mihail; HRISOHO, Dimitar; and VANOVSKEI, Bojan, of the Clinic of Internal Medicine (Interna Klinika) and Radiological Institute (Radiološki Institut), Faculty of Medicine (Medicinski Fakultet), Skopje.

"Forestier's Disease and Its Differentiation from Ankylosing Spondylitis."

Zagreb, Liječnički Vjesnik, Vol 85, No 9, September 1963, pp 989-994.

Abstract: [Authors' English summary modified] The authors discuss the clinical aspects of Forestier's disease (or Forestier's syndrome, as is here suggested), i.e., degenerative spinal ankylotic hyperostosis, a knowledge of which is desirable for purposes of differentiation from ankylotic spondylitis. Following a description of three cases of which the authors have personal knowledge, a differential table of diagnostic characteristics is provided.

Four photographs, one table, nine Western and one Yugoslav recent references.

HRISOKO, Dimitrije; GROZDEV, Ljupco; URUMOVA, Epsa

Acute renal failure in acetic acid poisoning. God.Zborn.Med.
Fak.Skopje no.10:173-180 '63.

1. Interna klinika medicinskog fakulteta - Skopje (Direktor -
Prof. Dr. D. Arsov) i Patolosko-anatomski institut medicinskog
fakulteta - Skopje (Direktor - Prof. Dr. D. Miletic).

REBUSAPCA, D.; SOARE, R.; MASALA, Gh.; PETCU, Gh.; HRISTACHE, I.

Machine building industry, a creation of the People's
Democratic Regime of Rumania. Bul Inst Politeh 26 no.4:
29-37 J1-Ag '64.

1. Chair of Political Economy, Polytechnic Institute, Bucharest.

HRISTEA, Nicolae; POP, Eliza, prof. (Turda)

Using excursions as means of recapitulating geology/
knowledge. Natura Geografie 16 no.3:65-67 My-Je '64.

GRIGORAS, N., prof. dr.; PETRISOR, I., ing.; HRISTESCU, E., geol.;
SULUTIU, U., ing.

Contributions to the knowledge of the distribution laws of oil
and gas deposits in the Ciscarparthian Depression of Rumania.
Patrol si gaze 14 no.7:333-340 JI '63.

~~SECRET~~
SURNAME, Given Names

Country: Rumania

Academic Degrees: ~~not given~~

Affiliation: Research, Study and Prospecting Enterprise for Constructions
of the State Committee on Waters (Intreprinderea de Cercetari,
~~Source~~ Studii si Prospectiuni de po linga Comitetul de Stat al Apelor).

~~Source~~
Source: Bucharest, Revista de Geodezie si Organizarea Teritoriului, No 3,
1961, pp 18-32.

Data: "From the Experience of Geotopographic Operations in the Danube
Delta."

Co-author:

NICOARA, N., General Directorate of Geotopography and of the
Territory's Organization of the Ministry of Agriculture (Directia
Generala Geotopografica si a Organizarii Teritoriului din
Ministerul Agriculturii).

070 901603

HRISTEV, A.

Problem of the static field of gravitation with spherical symmetry. p. 7.

STUDII SI CERCETARI DE FISICA. Bucuresti. Vol. 6, no. 1, Jan./Mar. 1955

So. East European Accessions List

Vol. 5, No. 8

August, 1956

HRISTEV, Anatolie P.

Commutators of the covariant bilinear forms of the quantified spinorial field. Studii cerc mat 17 no.1:95-104 '65.

1. Faculty of Mathematics and Mechanics, University of Bucharest.
Submitted April 27, 1964.

HRISTEV, Anatolie P.

Covariant deduction of the Dirac matrix identities in Z_6 . Comunicarile AR 11 no.7:755-759 '61.

1. Comunicare prezentata de academician G. Vranceanu.

HRISTEV, Anatolie P.

The Dirac tensorial identities in G_6 , and their covariant deduction.
Comunicarile AR 11 no.7:761-766 '61.

1. Comunicare prezentata de academician G. Vranceanu.

HRISTEV, Anatole P. (Bucuresti)

Matrix algebraic and tensorial covariant identities in
the \mathcal{C}_2 of the Dirac type. Bull math Rum 4 no.1/2:23-55
'61.

1. Submitted September 1, 1962.

HRISTEV, Anatole P.

Covariant theory of the algebraic spinor identities of the 1
and $1/2$ maximum spin fields. Rev. math Roum 9 no.7:619-642 '64

BRISTEV, Anatolis P.

Covariant theory of the spinor algebraic relations of the 1
and $\frac{1}{2}$ maximal spin fields. Studii cerc mat 16 no. 7:849-860
'64.

YUGOSLAVIA

Biseriija HRISTIC and D. MILENKOVIC, Institute for Forensic Medicine
(Institut za sudsku medicinu), Belgrade.

"Fatal Poisonings by Parathion Absorption Through the Skin."

Zagreb, Arhiv za Higijenu Rada i Toksikologiju, Vol 12, No 3-4, 1961;
pp 185-189.

Abstract [French summary modified]: Report of 3 fatal cases in which parathion was absorbed through the skin: farming couple who in a misguided attempt to cure themselves of scabies inuncted their bodies; young man who sprayed orchard in shirt-sleeves soaking clothes and himself with spray. Authors applied 5 Gm. of 20% solution to 100 square cm. of shaved rabbits' backs. Both rabbits died, parathion definitely present in intestine, p-aminophenol in urine. In human cases parathion also found in viscera but technic may have been faulty (no change of knives.) Three tables; French, US, 2 German references.

1/1

YUGOSLAVIA

Bisenija Bristic and D. MILENKOVIC (Affiliation as above)

"Detection of Parathion in Organs of Exhumed Bodies."

Zagreb, Arhiv za Higijenu Rada i Toksikologiju, Vol 12, No 3-4, 1961;
pp 191-194.

Abstract [French summary modified]: Parathion can be detected in viscera of poisoned persons even following prolonged interment and decomposition as seen in experiment wherein 54% was recovered 90 days after addition, and in 3 forensic cases exhumed after 18, 30 and 42 days respectively. Table, Greek, US and 2 German references.

1/1

HRISTIC, Bisenija; JOKANOVIC, Dobrivoje

Distribution of phenobarbital in experimental poisoning in guinea pigs. Srpski arh. celok. lek. 89 no.2:191-196 F '61.

1. Institut za susdsku medicinu Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Julijana Bogicevic.

(PHENOBARBITAL toxicol)

PANIC, B.; TROJ, M.; BRISTIC, V.

Methods of studying the biosynthesis of vitamin B₁₂ with the aid of radioactive cobalt ⁶⁰Co; abstract. Glas Hem dr 27 no.9/10:533-534 '64.

1. Institute for Applying Nuclear Energy in Agricultural, Veterinary, and Forestry Sciences, Belgrade-Zemun.

Forensic Medicine

YUGOSLAVIA

DOZIC, Vladislav; PANDUROVIC, Srecko; ~~URISTIC-SOIC, Ljubica~~; and MICIC, Sonja, Department of Forensic Medicine of the Medical Faculty of the University (Institut za Sudsku Medicinu Medicinskog Fakulteta Univerziteta), Head (Upravnik) Prof Dr Julijana BOGICEVIC, Belgrade

"Violent Death Due to Hemorrhaging into Skeletal Musculature"

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 94, No 4, Apr 66; pp 397-401

Abstract: [English summary modified] Case histories of 3 women, aged 40, 50 and 24, all of whom succumbed to beating by drunken jealous husband or lover, by exsanguination into skeletal muscular tissue. Forensic discussions. Photograph of 1 victim. 3 Yugoslav, 2 Soviet, 6 Western references. Manuscript received 25 May 65.